



# SPYWOLF

## Security Audit Report



Completed on  
**May 16, 2023**

@SPYWOLFNETWORK



@SPYWOLFNETWORK



SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **SPACEPEPE** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# SPACEPEPE



## PROJECT DESCRIPTION

### According to their whitepaper:

Pepe is Elon's favorite animal, and SpaceX is Elon's favorite spaceship, so with Spacepepe, flying into space is his goal. Pepe is Elon's favorite animal, and SpaceX is Elon's favorite spaceship, so with Spacepepe, flying into space is his goal. At SPACEPEPE, we believe that investing should be thrilling, not boring!! At SPACEPEPE, we believe that investing should be thrilling, not boring!!

There are no VC institutions or team shares here. All tokens will be distributed fairly and applied to the community, which is just the first step. There are no VC institutions or team shares here. All tokens will be distributed fairly and applied to the community, which is just the first step.

**Release Date:** Presale starts in May, 2023

**Category:** Meme token



# CONTRACT INFO

Token Name  
SPACEPEPE

Symbol  
SPACEPEPE

Contract Address

0xbD05CA5E5626f22f90776f41E2A5BF297E07343A

Network

Binance Smart Chain

Language

Solidity

Deployment Date

May 15, 2023

Verified?

Yes

Total Supply

420,000,000,000,000,000

Status

Not launched

## TAXES

Buy Tax

**8%**

Sell Tax

**8%**

\*Taxes cannot be changed



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat





## TOKEN TRANSFERS STATS

Transfer Count	3
Uniq Senders	2
Uniq Receivers	3
Total Amount	8400000000000000000 SPACEPEPE
Median Transfer Amount	2344375000000000000 SPACEPEPE
Average Transfer Amount	2800000000000000000 SPACEPEPE
First transfer date	2023-05-15
Last transfer date	2023-05-15
Days token transferred	1

## SMART CONTRACT STATS

Calls Count	11
External calls	7
Internal calls	4
Transactions count	8
Uniq Callers	2
Days contract called	1
Last transaction time	2023-05-15 14:57:40 UTC
Created	2023-05-15 07:21:44 UTC
Create TX	0xe12a5c3242e5420c06dc057e8d01b97d4e8832591959684d1f13204eec494237
Creator	0xcflc53a45a69a375f7e7e6ab14b405dbe605710d



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## Medium Risk

Owner can set contract's auto swap settings.  
If swapEnabled is true and swapTokensAtAmount is set to 0 and contract token balances are 0, selling will fail.

```
function updateSwapEnabled(bool _enabled) external onlyOwner {
    swapEnabled = _enabled;
}

function updateSwapTokensAtAmount(uint256 amount) external onlyOwner {
    require(amount <= 42e14, "Cannot set swap threshold amount higher than 1% of tokens");
    swapTokensAtAmount = amount * 10**_decimals;
}

function _transfer(address from, address to, uint256 amount) private {
    .....
    bool canSwap = balanceOf(address(this)) >= swapTokensAtAmount;
    if (
        !swapping &&
        swapEnabled &&
        canSwap &&
        from != pair &&
        !_isExcludedFromFee[from] &&
        !_isExcludedFromFee[to]
    ) {
        if (to == pair) swapAndLiquify(swapTokensAtAmount, sellTaxes);
        else swapAndLiquify(swapTokensAtAmount, taxes);
    }
    .....
}
```

- Recommendation:
  - Ensure that swapTokensAtAmount state variable's value is always above 1 token (consider decimals).



## Informational

Owner can set duration of which launch tax will be applied after trade is started up to 5 blocks.

Launch tax will be 99% for that period of time and removed after the period elapses. This measure can serve as snipe bots protection.

```
function updatedecline(uint256 _deadline) external onlyOwner {
    require(!tradingEnabled, "Can't change when trading has started");
    require(_deadline < 5, "Deadline should be less than 5 Blocks");
    decline = _deadline;
}
```

Owner can exclude address from rewards.

```
function excludeFromReward(address account) public onlyOwner {
    require(!_isExcluded[account], "Account is already excluded");
    if (_rOwned[account] > 0) {
        _tOwned[account] = tokenFromReflection(_rOwned[account]);
    }
    _isExcluded[account] = true;
    _excluded.push(account);
}
```

Owner can exclude address from fees.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeFromFee(address account) public onlyOwner {
    _isExcludedFromFee[account] = true;
}

function bulkExcludeFee(address[] memory accounts, bool state) external onlyOwner {
    for (uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFee[accounts[i]] = state;
    }
}
```



## Informational

Owner can withdraw any tokens from the contract.  
When this function is present, in cases tokens sent into the contract by mistake or purposefully, contract's owner can retrieve them.

```
function rescueBNB(uint256 weiAmount) external onlyOwner {  
    require(address(this).balance >= weiAmount, "insufficient BNB balance");  
    payable(msg.sender).transfer(weiAmount);  
}  
  
//Use this in case BEP20 Tokens are sent to the contract by mistake  
function rescueAnyBEP20Tokens(address _tokenAddr,address _to, uint256 _amount) public onlyOwner {  
    require(_tokenAddr != address(this), "Owner can't claim contract's balance of its own tokens");  
    IBEP20(_tokenAddr).transfer(_to, _amount);  
}
```



RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## SPACEPEPE

### GOOD PRACTICES FOUND

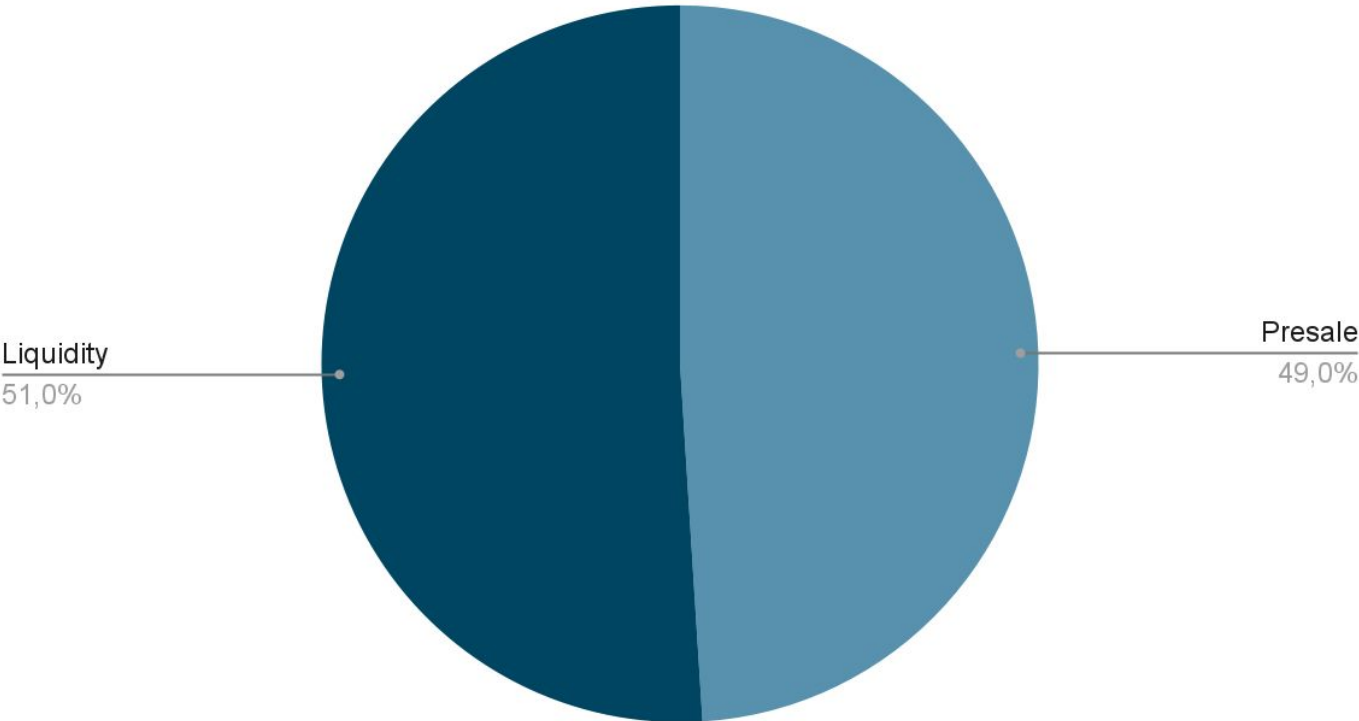
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot set a transaction limit



The following tokenomics are based on the project's whitepaper and/or website:

- 49% - Presale
- 51% - Liquidity

Tokens distribution



TOKENOMICS



# THE TEAM

! The team is anonymous

## KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.







# WEBSITE

## Website URL

<https://spacepepe.space/>

## Domain Registry

<https://www.namesilo.com/>

## Domain Expiration

2024-05-14

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Single page design with appropriate color scheme and graphics.

## Content

The information helps new investors understand what the product does right away. No grammar mistakes found.

## Whitepaper

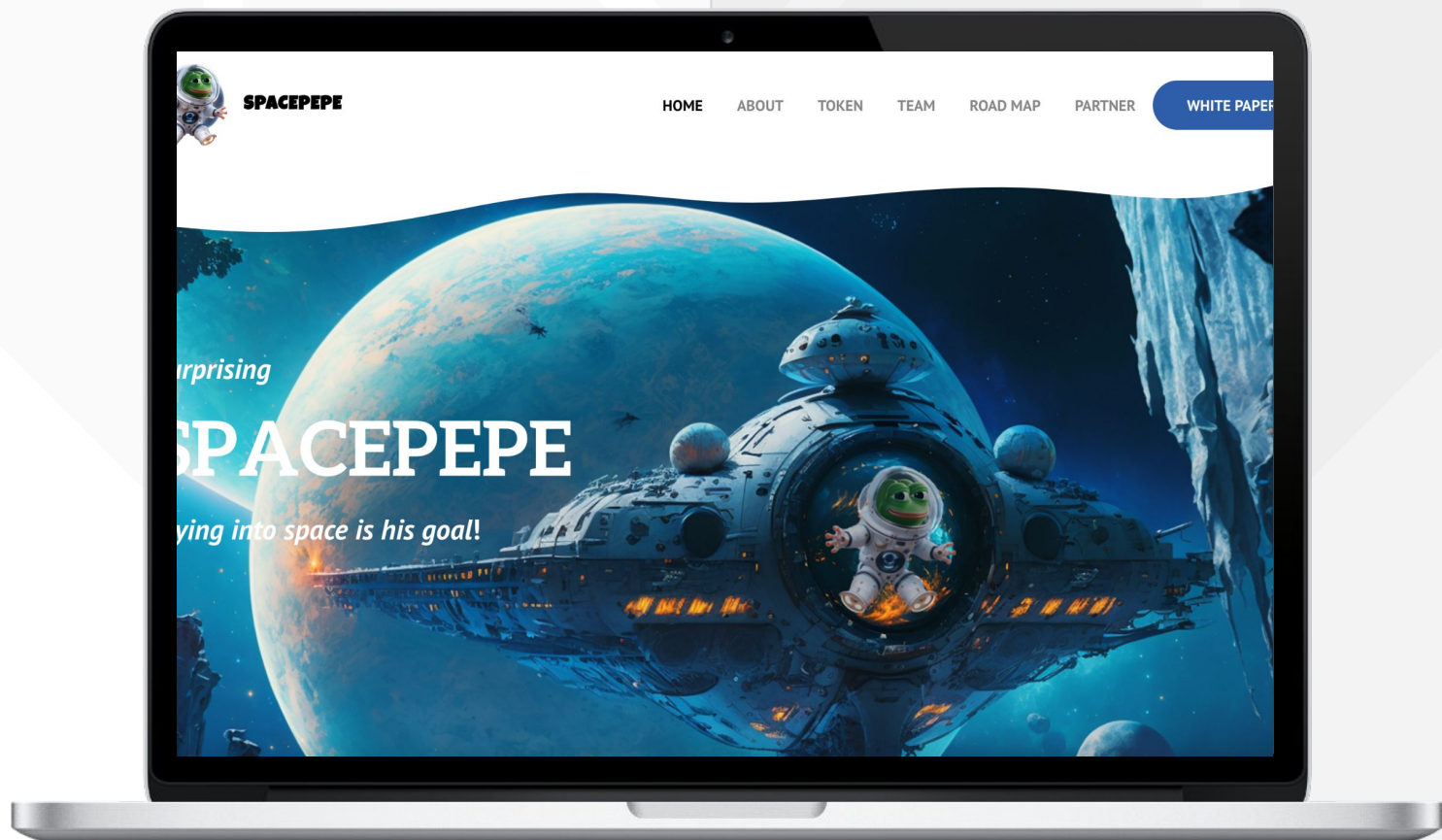
Explanatory.

## Roadmap

Yes, goals set without time frames.

## Mobile-friendly?

Yes



# spacepepe.space



# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

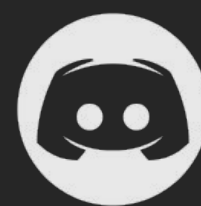
Project's social media pages are active



Twitter

@SPACEPEPECOINS

- 238 followers
- Active



Discord

- Not available



Telegram

@Spacepepecoini

- 957 members
- Few active members
- Active mods



Medium

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

## ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.